MEMORANDUM



Agenda Item No. 8(R)3(A)

Date:

July 10, 2007

To:

Honorable Chairman Bruno A. Barreiro

and Members. Board of County Commissioners

From:

Carlos A

County

Subject:

Contract Award Recommendation for Installation of 16-inch ductile iron (D.I.) Sanitary Sewer in NE

172nd Street from Collins Avenue to North Bay Road, Contract No: S-783

Recommendation

This Recommendation for Award for Construction contract number S-783 between Metro Equipment Service, Inc., and Miami-Dade County has been prepared by the Miami-Dade Water and Sewer Department and is recommended for approval.

Scope

PROJECT NAME:

Installation of 16-inch ductile iron (D.I.) Sanitary Sewer in NE 172nd Street from

Collins Avenue to North Bay Road

PROJECT NO:

N/A

CONTRACT NO:

S-783

PROJECT DESCRIPTION:

The project consists of furnishing and installing approximately 1,600 linear feet of 16-inch diameter, and approximately 200 linear feet of 8-inch diameter D.I. pipe and fittings for a gravity sanitary sewer main and laterals, respectively, in NE 172nd Street from Collins Avenue to North Bay Road, in the City of Sunny Isles Beach, in Miami-Dade County, Florida.

The work includes, but is not limited to the following: furnishing and installing 16-inch diameter and 8-inch diameter ductile iron pipe and fittings; furnishing and installing pre-cast concrete manholes with frames and covers; making connections to existing manholes; removing and disposing of existing 12-inch, 10-inch and 8-inch diameter sanitary sewers; removing and disposing of existing manholes; salvaging existing manhole rings and covers; connecting into existing manholes; permanent pavement repairs; replacing pavement markings; constructing concrete curb and gutter; furnishing traffic control; installing and later removing sheeting and shoring on both sides of the ditch during construction to prevent excessive ditch width if so ordered by the Engineer; furnishing and installing sheeting and shoring if ordered left in place; furnishing, installing, operating and maintaining a sewer bypass system; cleaning and testing the mains; and all other appurtenant and miscellaneous items and work for a complete, functional and satisfactory installation.

It is the intent of the Department to obtain a complete functional, and satisfactory installation under this project, and any items of labor, equipment or materials which may be reasonably assumed as necessary to accomplish this end shall be supplied whether or not they are specifically shown on the Plans or stated in the Specifications. The Contractor shall provide all sheeting, shoring, bracing and all other labor, material or equipment required to preclude damage to, or loss of functionality of, any existing facility or system.

PROJECT LOCATION:

NE 172nd Street from Collins Avenue to North Bay Road, in the City of

Sunny Isles Beach, in Miami-Dade County, Florida

PRIMARY COMMISSION

DISTRICT:

District 4

Sally A. Heyman

APPROVAL PATH:

Board of County Commissioners

USING DEPARTMENT:

Miami-Dade Water and Sewer Department

MANAGING DEPARTMENT: Miami-Dade Water and Sewer Department

Fiscal Impact / Funding Source

FUNDING SOURCE:

WASD Renewal and Replacement Funds

PTP FUNDING:

No

GOB FUNDING:

No

CAPITAL BUDGET

PROJECT:

BUDGET PROJECT / DESCRIPTION

9653281- Sanitary Sewer System Extension

ESTIMATE

AWARD

\$1,622,283.37

PROJECT TECHNICAL CERTIFICATION

REQUIREMENTS:

One of the following licenses is required: General Engineering, State Underground, Pipeline and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code.

BID PACKAGES ISSUED:

9

BIDS RECEIVED:

2

CONTRACT PERIOD:

270

consecutive calendar days

CONTINGENCY PERIOD:

27

IG FEE INCLUDED IN BASE

CONTRACT:

Yes

ART IN PUBLIC PLACES:

No

BASE ESTIMATE:

\$1,124,000

BASE CONTRACT

AMOUNT:

\$1,435,649.00

CONTINGENCY

ALLOWANCE (SECTION 2-

TYPE

PERCENT AMOUNT COMMENT

8.1 MIAMI DADE COUNTY CODE):

Infrastructure 10%

\$143,564.90

PERMIT FEES:

\$43,069.47

3.00%

TOTAL DEDICATED ALLOWANCE:

43,069.47

TOTAL AMOUNT: \$1,622,283.37

Track Record / Monitor

EXPLANATION:

The Miami-Dade Water and Sewer Department (Department) received three bids. One of the bidders was found not responsive by the Department of Business Development, and therefore, only two price envelopes were opened from two very experienced contractors. The difference between the Department's cost estimate of \$1,270,000 and the low bidder is approximately 28%, which can be attributed to additional conditions and requirements imposed by the City of Sunny Isles Beach after the Engineer's estimate was prepared, creating a significant difference in cost.

These additional conditions and requirements are as follows: new temporary pavement - add temporary pavement in front of the Fire Station, remove it after finishing, and re-plant grass where the pavement had been installed; access to the Fire Station No 10 - add backfill and steel plates from the station to Collins Avenue, instead of closing the street; comply with city Noise Ordinance - use quiet electric by-pass pumps, and only work during specific working areas within the City limits; working hours within the Florida Department of Transportation (FDOT) right-of-way - the contractor's working hours were changed from day time to night time from 7:00 PM to 5:00 AM; change Maintenance of Traffic (MOT) - high volume of residents within the work area is during the first few months of construction; and last, the City of Sunny Isles Beach requires a 5% bond of the total contract amount, as a deposit.

Due to the Department's past experience in multiple re-bids, and future cost escalations, it is in the best interest of the County to proceed with the Department's recommendation to award the contract to the low responsive, responsible bidder, Metro Equipment Service, Inc.

BID OPEN DATE: 11/28/2006

BID BOND EXPIRES: 3/27/2007

BID VALID UNTIL: 3/27/2007

ESTIMATED NOTICE TO

PROCEED:

5/7/2007

PRIME CONTRACTOR: Metro Equipment Service, Inc.

COMPANY PRINCIPAL(S): Jorge L. Godoy

COMPANY QUALIFIERS(S): Jorge L. Godoy

COMPANY EMAIL 20081@msn.com

ADDRESS:

9425 Sunset Dr., Suite #225

ADDRESS:

COMPANY STREET

COMPANY CITY-STATE- Miami, FL 33173

ZIP:

YEARS IN BUSINESS: 20

PREVIOUS EXPERIENCE WITH COUNTY IN THE **LAST FIVE YEARS:**

27 contracts for a total of \$10 millions

SUBCONTRACTORS AND **SUPPLIERS (SECTION 10-34 MIAMI DADE COUNTY** CODE):

Rimar Paving, Inc., Ferguson Waterworks, US Pipe, and US Precast

MINIMUM QUALIFICATIONS No

EXCEED LEGAL REQUIREMENTS:

STANDARD PAYMENT AND

Yes

PERFORMANCE BOND:

REVIEW COMMITTEE:

MEETING DATE: 5/24/2006 SIGNOFF DATE: 5/25/2006

RESPONSIBLE WAGES:

Yes

REVIEW COMMITTEE ASSIGNED CONTRACT **MEASURE GOAL**

COMMENT

MEASURES:

CSBE

4%

CWF

0.00% Not Applicable

MANDATORY CLEARING

HOUSE:

Yes

CONTRACT MANAGER

NAME/PHONE/EMAIL:

Nzeribe Ihekwaba

305-669-7659

nzeribe@miamidade.gov

PROJECT MANAGER

NAME/PHONE/EMAIL:

Alma M. Santiago, P.E. (786)552-8243

AS1@miamidade.gov

Background

BACKGROUND:

This project is needed to accommodate the increase in population density in the area. We are awarding this contract to a local contractor which has had many contracts with the Department with good results. The Project Manager will be John Rava.

BUDGET APPROVAL FUNDS AVAILABLE:

OSBM DIRECTOR

DATE

APPROVED AS TO LEGAL SUFFICIENCY:

COUNTY ATTORNEY

Jennifer Glazer-Moon

Roger Carlton

ASSISTANT COUNTY

MANAGER

INSTALLATION OF 16-INCH DUCTILE IRON (D.I.) SANITARY SEWER IN NE 172ND STREET FROM COLLINS AVENUE TO NORTH BAY ROAD

CONTRACT NO. S-783

BUDGET PROJECT AND

OPERATIONS:

DESCRIPTION:	9653281- Sanitary Sewer System Extens	sion
FUNDING SOURCE:	WASD Renewal and Replacement Funds	s
INDEX CODES:	S047715, Fund EW621	
ASSISTANT DIRECTOR, ENGINEERING:	El , anent	3/21/07
	EDUARDO A. VEGA, PE	фАТЕ √
DEPT BUDGET OFFICER:	PEDRO VELAR	3/21/07 DATE
/	PEDRO VELAR	DATE
ASSISTANT DIRECTOR, FINANCE:	Lech. Vel.	3/21/01
_	for DIANE CAMACHO	DATE
DEPUTY DIRECTOR,		

JOSEPH A. RUIZ, JR.

DATE

MIAMI-DADE WATER AND SEWER DEPARTMENT MIAMI-DADE COUNTY

INSTALLATION OF 16" D.I. SANITARY SEWER IN N.E. 172 ST. FROM COLLINS AVE. TO N. BAY ROAD CONTRACT NO. S-783

TABULATION OF BIDS						
BIDDERS		Metro Equipment Service, Inc. 9425 Sunset Dr. #225	it Service, Inc. t Dr. #225	Lanzo Construction Co., Florida 125 SE 5th Court	n Co., Florida Court	Bid Date: November 28, 2006
Item		Miami, FL 33173	. 33173	Deerfield Beach, FL	FL 33441	
No. Description	Quant.	Unit	Te to	# H		
i. renorming preparatory work & operations in mobilizing for beginning the work of the Project but	Aggr.	€	160,000.00	S S	l otal 60,000.00	
	1,550 Lin. Ft.	65.00	100,750.00	300.00	465,000.00	-
	390 Lin. Ft.	155.00	60,450.00	150.00	58,500.00	
Installing 16-inch ductile iron pipe & fittings for gravity Sewers for depths of over 8 to 10 feet	770 Lin. Ft	190.00	146,300.00	150.00	115,500.00	
1	390 Lin. Ft	210.00	81,900.00	150.00	58,500.00	
	170 Lin. Ft	35.00	5,950.00	60.00	10,200.00	
.	170 Lin. Ft	120.00	20,400.00	70.00	11,900.00	
Selling & delivering to the Department 16x8-inch wye branch connections for sewer	6 Each	4,000.00	24,000.00	5,000.00	30,000.00	
1	6 Each	3,500.00	21,000.00	1,000.00	6,000.00	
 Selling & delivering standard precast concrete manholes with frames & covers for depths from 6 feet to 8 feet 	1 Each	5,000.00	5,000.00	10,000.00	10,000.00	
1	1 Each	6,000.00	6,000.00	1,800.00	1,800.00	
Ì	2 Each	6,000.00	12,000.00	10,000.00	20,000.00	
 Installing standard precast concrete manholes with frames & covers for depths from over 8 feet to 10 feet 	2 Each	8,000.00	16,000.00	3,000.00	6,000.00	

MIAMI-DADE WATER AND SEWER DEPARTMENT MIAMI-DADE COUNTY

INSTALLATION OF 16" D.I. SANITARY SEWER IN N.E. 172 ST. FROM COLLINS AVE. TO N. BAY ROAD CONTRACT NO. S-783

	Bid Date: November 28, 2006											
ĺ	on Co., Florida h Court h, FL 33441	Total 10,000.00	6,000.00	8,600.00	6,000.00	23,200.00	3.400.00	5,000.00	15,000.00	100,000.00	13,000.00	5,160.00
	Lanzo Construction Co., Florida 125 SE 5th Court Deerfield Beach, FL 33441	Unit \$ 10,000.00	6,000.00	5.00	20.00	20.00	20.00	1,000.00				3.00
ESTIMATE: \$1,270,000	Metro Equipment Service, Inc. 9425 Sunset Dr. #225 Miami, FL 33173	Total 7,000.00	9,000.00	34,400.00	31,500.00	116,000.00	16,150.00	30,000.00	10,000.00	30,000.00	15,000.00	860.00
ESTIMAT	Metro Equipm 9425 Sun Miami,	Unit 1 \$7,000.00 \$	9,000.00	20.00	105.00	100.00	95.00	6,000.00				0.50
		Quant. 1 Each	1 Each	1,720 Lin. Ft	300 Lin. Ft	1,160 Lin. Ft	170 Lin Ft	Each	Aggr. Sum	Aggr. Sum	Aggr. Sum	1,720 Lin. Ft. (Cont. Item)
TABULATION OF BIDS BIDDERS	Item No. Description	14. Selling & delivering standard precast concrete manholes with frames & covers for depths from over 10 feet to 12 feet	frames & covers for depths from over 10 feet to 12 feet	17. Removing 12-inch sanitary sewer nine for double	from over 10 feet to 12 feet 18. Removing 10-inch sentiany courses	from over 8 feet to 10 feet 19. Removing 8-inch services.	from 6 feet to 8 feet	- 1	i i		1	any size D.I. pipe fitting or valve, if ordered by the Engineer

MIAMI-DADE WATER AND SEWER DEPARTMENT MIAMI-DADE COUNTY

INSTALLATION OF 16" D.I. SANITARY SEWER IN N.E. 172 ST. FROM COLLINS AVE. TO N. BAY ROAD CONTRACT NO. S-783

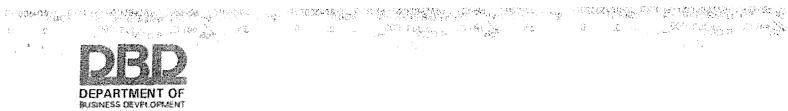
TABULATION OF BIDS BIDDERS						
ltem		Metro Equipment Service, Inc. 9425 Sunset Dr. #225 Miami, FL 33173	Service, Inc. Dr. #225 33173	Lanzo Construction Co., Florida 125 SE 5th Court Deerfield Beach Fl. 33441	on Co., Florida h Court h El 33441	Bid Date: November 28, 2006
No. Description 25. Trench overcut in 1-foot death incomments		Unit	Total	Cupit	et C	
	1,500 \$ Lin. Ft. (Cont Item)	0.50	750.00		\$ 15,000.00	
26. Constructing limerock base for Type II permanent paving repairs	Sq. Yds.	19.00	1,520.00	70.00	5,600.00	
- 1	990 Sq. Yds.	16.00	15,840.00	40.00	39,600.00	
	80 Sq. Yds.	19.00	1,520.00	30.00	2,400.00	
	990 Sq. Yds.	16.00	15,840.00	20.00	19,800.00	
- 1	Aggr. Sum		23,000.00		5,000.00	
	3,900 Sq. Yds.	6.50	25,350.00	10.00	39,000.00	
32. Milling existing asphalt pavement to an average depth of 1-inch, complete	3,900 Sq. Yds.	3.75	14,625.00	3.50	13,650.00	
	Aggr. Sum		275,000.00		50,000.00	
	Aggr. Sum (Cont. Item)		12,800.00		12,800.00	
	25 Sq. Ft. (Cont. Item)	48.00	1,200.00	10.00	250.00	
36. Constructing concrete curb & gutter restoration to match existing	20 Lin. Ft. (Cont. Item)	60.00	1,200.00	70.00	1,400.00	



MIAMI-DADE WATER AND SEWER DEPARTMENT MIAMI-DADE COUNTY

INSTALLATION OF 16" D.I. SANITARY SEWER IN N.E. 172 ST. FROM COLLINS AVE. TO N. BAY ROAD CONTRACT NO. S-783

TABULATION OF BIDS				
		Metro Equipment Service, Inc. 9425 Sunset Dr. #225	Lanzo Construction Co., Florida 125 SE 5th Court	Bid Date: November 28, 2006
		Miami, FL 33173	Deerfield Beach, FL 33441	
No. Description	Quant	Hoit		
s/. Furnishing, installing, operating, maintaining & removing a sewer bypass pumping system (to all residences and business effected by the removal	Aggr. Sum	\$ 40,000.00	Unit Total \$ 50,000.00	
of the existing sanitary system)				
Solution of Strong ordered left in place by the Engineer	100 Sq. Ft.	1.00 100.00	22.00 2,200.00	
39. Sheeting & shoring both sides of pine to the	(Cont. Item)			
1	1,600 Lin. Ft. (Cont Item)	20.00 32,000.00	10.00 16,000.00	
40. Furnishing & installing additional suitable backfill	1000			
	Cu. Yd.	2.00 1,380.00	35.00 24,150.00	
41. Furnishing & installing flowable fill as transh basistil	1001111			
	75 Cu. Yd. (Cont. Item)	9,000.00	300.00 22,500.00	
42. Constructing temporary paving in swale areas to	Again Month			
maintain one lane of traffic on Re 172 Street during the construction and including removal of temocram	Aggr. Sum	4,000.00	80,000.00	
paving at the completion of work				
45. Restoration of sodded areas	2,700	0.32 864.00	5.00 13.500.00	
- 1	Sq. Yds. (Cont. Item)			
44. Subtotal, the sum of Bid Items 1 through 43		\$ 1.435.649.00	\$ 1 A81 810 00	
	Approved	\$ 43,069.47	\$ 43 848 30	
the Engineer, the sum of 3% of the Subtotal, Item No.	Permit Fee			
44, (.03)X(Subtotal Item, Item No. 44)	Reimburse			
37	ment			
	Allowance	\$ 143,564.90	\$ 146.161.00	
the Engineer, the sum of 10% of the Subtotal, Item No. 44, (.10) X (Subtotal, Item No. 44)	Account			
TOTAL BID (Sum of Bid Items 44, 45 and 46)		- 1		
		1,022,283.37	\$ 1,651,619.30	



SCHEDULE OF INTENT AFFIDAVIT (SOI) CHECKLIST

FIRM NAME Ric-Man International. Inc. Attn:	
ADDRESS 2601 N.W. 48th St., Pompano Bch. FL 33073	
PHONE 954-426-1042 FAX 954-426-0717	
PROJECT NUMBER S-783 SUBMISSION DATE 11/28/06	
PROJECT TITLE Installation of 16-Inch Ductile Iron (D.I.) Sanitary Sewer in N.E. 172 nd St. fi North Bay Road	rom Collins Ave. to
CSBE CONTRACT MEASURE 4% CSBE Goal	
CORRECTABLE DEFECTS ON THE SOI: PLEASE CHECK ALL ITEMS THAT APPL	Y
PERCENTAGE OF WORK NOT IDENTIFIED FOR SUBCONTRACTOR ON SOI SI SUBCONTRACTOR	GNEDBY
NO SIGNATURE OF SUBCONTRACTOR	
NO SIGNATURE OF PRIME	
NO SIGNATURE ON OTHER DOCUMENTS SUBMITTED WITH SOI FORM	
PURSUANT TO THE CSBE PARTICIPATION PROVISIONS, BIDS CONTAINING AN ISOI WILL NOT BE OPENED. FOR DEFECTS THAT ARE CORRECTABLE, FAILURE CORRECTED SOI BY THE SPECIFIED DATE AND TIME WILL RESULT IN THE SECENVELOPE NOT BEING OPENED.	TO SUBMIT A
NON-CORRECTABLE ITEMS:	
X CSBE SUBCONTRACTOR GOAL REQUIREMENTS WERE NOT MET. REQUILISTED IN SECTION IV (C) (4) (i), PAGE 17 OF THE CSBE PARTICIPATION PROVIS BEEN MET.	REMENTS IONS HAVE NO
DBD USE ONLY	
SOI Responsive X_SOI Not Responsive	
Cynthia France Specialist Name Specialist Signature 11/36 Date	
THIS IS A PRELIMINARY REVIEW, AND DOES NOT CONSTITUTE A COMPLIANCE DBD.	REVIEW BY
Department of Business Development - Stephen P. Clark Center 111 N.W. 1 st Street, 19 th Floor, Miami, FL 33128 Phone (305) 375-3111 Fax (305) 375-3160	

Memorandum



Date:

December 6, 2006

To:

John W. Renfrow, Director

Water And Sewer Department

From:

Marsha E. Jackman, Director

Department of Business Development

and the second of the second o

Subject:

CSBE Compliance Review of Project No. S-783, Installation of 16-inch Ductile Iron

(D.I.) Sanitary Sewer in N.E. 172nd St. from Collins Ave. to North Bay Road

· La Berring Commission (Andrew Commission Commission

The Department of Business Development (DBD) has completed its compliance review for the above-referenced project with the Community Small Business Enterprise (CSBE) Program. The contract measure applicable to this project is a 4% CSBE subcontractor goal.

The Construction Contracts Section of The Miami-Dade Water and Sewer Department submitted bid documents from Metro Equipment Service, Inc. for compliance review.

Metro Equipment Service, Inc. submitted the required Schedule of Intent (SOI) Affidavit committing to utilize Rimar Paving, Inc., a certified CSBE firm, to perform asphalt restoration at 4%. Rimar Paving, Inc. signed the SOI Affidavit in agreement with the information listed. Metro Equipment Service, Inc. has fulfilled the contract measure requirement and is in compliance with the CSBE Participation Provisions. Metro Equipment Service, Inc. has a goal deficit make-up in the amount of \$267,440 from Project No. S-412R-2. Please note the aforementioned does not impact the firm's pre-award compliance on this project.

Please note that the subcontracting of paving work to asphalt production plants by CSBEs will be allowable under the program. Please instruct prime contractors to notify DBD when the CSBEs intend to subcontract to asphalt production plants.

DBD staff only reviewed and addressed compliance with the CSBE program. The Miami-Dade Water and Sewer Department is responsible for any other issues that may exist.

Should you have any questions or need any additional information, please do not hesitate to call Cynthia France at (305) 375-3139.

CC:

Alma Santiago, WASD Patrice King, DBD

File



Estimated Cost of Project/Bid: \$740,000.00

Dept. of Business Development

Project Worksheet

Project/Contract Title:

INSTALLATION OF 16-INCH DUCTILE IRON (D.I.) SANITARY SEWER IN NE

172ND STREET FROM COLLINS AVENUE TO NORTH BAY ROAD (SIC 16)

05/24/2006 3-02

Project/Contract No:

S-783

Funding Source:

Item No:

RC Date:

Department:

WATER & SEWER DEPARTMENT

SEWER RENEWAL-REPLACEMENT FUND

The state of the s

Resubmittal Date(s):

Description of Project/Bid:

THE PROJECT CONSISTS OF FURNISHING AND INSTALLING APPROXIMATELY 1,600 LINEAR PT. OF 16-INCH DIAMETER, AND APPROXIMATELY 200 LINEAR FT. OF 8-INCH DIAMETER D.I. PIPE AND FITTINGS FOR A GRAVITY SANITARY SEWER MAIN AND LATERALS, RESPECTIVELY, IN N.E. 172 ST. FROM COLLINS AVE. TO NORTH BAY ROAD,

IN THE CITY OF SUNNY ISLES BEACH, IN MIAMS-DADE COUNTY, FL.

No. 1 to 1	Contract Measures Recomm	ndation		od (mostica dominio directo contrata espera
<u>Measure</u>	Program	Goal Percent		
Goal	CSBE	3.91%	CANADA A MARINE STATE OF A STATE OF THE STAT	and the second s
	Reasons for Recommenda	tion		September 1994 July Septem
An analysis of the factors contained in Section project in the trades of Pavement Repairs (Hig Gutter, and Sidewalk Restoration (Concrete Control of Contr	hway & Street Construction), Par			
CWP Not Applicable: Not in DTA	and the same of th			
	Analysis for Recommendation	of a Goal		reserves a suggest of participation of the second second of the second s
Subtrade	<u>Cat.</u>	Estimated Value	% of Items to Base Bid	Availabili
Concrete Contractors	CSBE	\$1,998.00	0.27%	23
Painting and Wall Covering Contractors	CSRE	\$5,994.00	0.81%	41
Highway and Street Construction	CSBE	\$20,942.00	2.83%	28
	Total	\$28,934.00	3.91%	Medicananyaga - sayaa ayaannaa ah isa isa isa
ng Wages: YES NO X	Highway: YES NO		uction: YES	X NO [
ance 90-143 is applicable to all construction projects	- transcent	لتتا		
NEO.	IEW COMMITTE RECOMM	ENDATION		
Ter 1 Set Aside	CLARMONOMING OF THE REPORT THE PROPERTY OF THE			a st
et Aside Level 1	Level 2	Lev	el 3	
rade Set Aside (MCC)	Goal 49b	CSBE BIA	Preference	
o Measure	Deferred	1	ction Factor _	Jac
SHAME M. Carrier	5/24/m / Wel	na 11the	lak 5%.	20/06